

FIGURE 12

114		GGTCCAAATTTT	AATCGAGAAAT	\TAAAATTGGAACGATACAGAGAAGATTAGCATGGCCCCTGCGCAAGGATGACACGCATAAATCGAGAA ************** *******************	TGCGCAAGGA!	********	AGAAGATTAG	SAACGATACAG	GATAAAATTG	CTTCGGGGACATCCG	GTCCCTTCGGGGACATCCGATAAAATTGGAACGATACAGAGAAGATTAGCATGGCCCCTGCGCAAGGATGACACGCATAAATCGAGAAATGGTCCAAATTTT	1
113	ij	GTTCCACATTTT	AATCGTGAAGC	TGACACGCA-A	AGCGCAAGGA!	CATGGCCCC	AGAAGATTAG	SAACGATACAG	ACTAAAATTG	AGAACATAT?	NGTTCTTGCTTCGGCAGAACATATACTAAAATTGGAACGATACAGAGAGAG	NGT
1112	7	GTTCCATATTTT	ATTCGTGAAGC	TGACACGCA-A	rececaagga:	CATGGCCCC	AGAAGATTAG	GAACGATACAG	ACTAAAATTG	AGCACATAT?	$\tt NGTGCCTTCGGCAGCACATATACTAAAATTGGAACGATACAGAGAAGATTAGCATGGCCCCTGCGCAAGGATGACACGCA-AATTCGTGAAGCGTTCCATATTTT$	NGT
Ξ	'n	GTTCCATATTTT	ATTCGTGAAGC	TGACACGCA-A	FGCGCAAGGA!	CATGGCCCC	AGAAGATTAG	BAACGATACAG	ACTAAAATTG	AGCACATAT?	- GTGCTTGCTTCGGCAGCACCATATACTAAAAATTGGAACGATACAGAGAAGATTAGCATGGCCCCTGCGCAAGGATGACACGCA - AATTCGTGAAGCGTTCCATATTTT	-GT
110	7	GTTCCATATTTT	ATTCGTGAAGC	TGACACGCA-A	TGCGCAAGGA:	CATGGCCCC	AGAAGATTAG	SAACGATACAG	ACTAAAATTG	AGCACATAT?	- GTGCTCGCTTCGGCAGCACCATATACTAAAATTGGAACGATACAGAGAAGATTAGCATGGCCCCTGCGCAAGGATGACACGCA - AATTCGTGAAGCGTTCCATATTTT	-GT
109	ij	GTTCCATATTTT	ATTCGTGAAGC	TGACACGCA-A	TGCGCAAGGA:	CATGGCCCC	AGAAGATTAG	SAACGATACAG	ACTAAAATTG	AGCACATAT?	- GTGCTCGCTTCGGCAGCACCATATACTAAAAATTGGAACGATACAGAGAAGATTAGCATGGCCCCTGCGCAAGGATGACACGCA - AATTCGTGAAGCGTTCCATATTTT	-GT
108	ij	GTTCCAAATTTT	ATTCGTGAAGC	TGACACGCA-A	TGCGCAAGGA!	CATGGCCCC	AGAAGATTAG	SAACAATACAG	ACTAAAATTG	AGAACATATA	GTTCTTCCG-AGAACATATACTAAAATTGGAACAATACAGAGAAGATTAGCATGGCCCCTGCGCAAGGATGACACGCA-AATTCGTGAAGCGTTCCAAATTTT	1 1
107	H	GTTCCAAATTTT	ATTCGTGAAGC	TGACACGCA-AJ	TGCGCAAGGA:	CATGGCCCC	AGAAGATTAG	GAACAATACAG	ACTAAAATTG	AGAACATATA	$$ GTTCTTCCG- A GAACATATACTAAAATTGGAACAATACAGAGAAGATTA \underline{G} CATGGCCCCTGCGCAAGGATGACACGCA- A ATTCGTGAAGCGTTCCAAATTTT	
			_					_	_	_		
	110	100	90	80	70	60	50	40	30	20	10	_
SEQ ID NO:	SEQ I											

C.elegans
C.briggsae
human
mouse
Xenopus
Rat
Drosophila
Arabidopsis



Fig. 24

SEQ ID NO:4

Figure 25

5'-UGAAGAUCAAGAUCAUUGCdrdr-3' 3'-dTdTACUCUAGUCUAGUAACG-5' SEQ ID NO:119

SEQ ID NO:118

(seuse)

Predicted Tm at 1 pM concentration = $67 \, ^{\circ}$ C

(antisense)

(antisense)

(seuse)

SEQ ID NO:104 1796-58-01 (probe)

The state of the s

CGGTTCGUUACUAGAACUAGAAGUCCG

SEQ ID NO:101 1796-58-04 (probe) 10 bp. 30 °C CAAGATCATTGCGGC CTTCUAGUAACGCCG **SEQ ID NO:119** g gccAATGAAGATCC

1796-58-02 (invader)

SEQ ID NO:118

g gccaagcaargara

บ

SEQ ID NO:105

ugaagancaaggugcgc

1796-58-03 (arrestor)

SEQ ID NO:123

SEQ ID NO:122

1796-58-06 (arrestor)

gcaaugaucuugugcgc

1796-58-05 (invader) **SEQ ID NO:102**